

## **Abstract**

**Title:** Case report of physiotherapist's patient care with the diagnosis: condition after surgery for total endoprosthesis of the right knee joint

**Objectives:** The aim of this paper is to get to know both theoretically and practically the diagnosis status after total knee arthroplasty.

**Methods:** The first part of this work includes theoretical area by research. This section describes the anatomy, kinesiology and biomechanics of the knee joint. The issue of gonarthrosis and its treatment. Then there is the more developed surgical approach, the application causes a total joint replacement prosthesis type, and physical therapy after surgery procedures that are appropriate to a positive effect on patients' health.

The second part of this work is special - processed form of case reports. This part is based on theoretical knowledge acquired during studies, and their application in clinical practice. It contains entrance kinesiological analysis and conclusion, on the basis of which is developed short-term and long-term rehabilitation plan. In addition, this special section includes a description of individual therapeutic units and a final evaluation of the effect of therapy.

**Keywords:** knee joint, total joint replacement, rehabilitation